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- 2 -

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Caliber: 820 millimeters.

Weight of the round: 3.8 kilograms.

Effective range: stationary tank - 800 meters,  
moving tank - 300 meters,  
tank in trench - 150 meters,

The barrel has a smooth surface without threads. Charging is done from the rear. The length of the charge including the cartridge case is 45 centimeters. Inside, along the cartridge, are two supercharges<sup>1</sup> which catch fire as soon as the cartridge touches the ground. The central part of the barrel is filled with special material of low conductivity in order to protect the gunner from getting burnt. The sight is mechanical and optical. Two kinds of rounds are used: armor-piercing (against armor plate and concrete) and grenade (against live targets). Firing can be performed in upright, kneeling or lying position. The crew includes a leader, rifleman, loader, and assistant. The weapon penetrates armorplate of all tanks known in the West and demolishes a concrete wall up to one meter thick. A technical drawback of the weapon is that the projectile is very sensitive to heat, and the deviation may reach up to 10 degrees at 30<sup>0</sup> Celsius.

3. The Czech Army also uses an improved model of a medium tank of Soviet design, but the informant knows nothing further about it.
4. There is an improved model of a light machine gun. The unloading and loading mechanisms have been simplified. Loading can be performed either by belts or magazines.

1.  Comment: An analyst connected with the Czech refugee channel suggests that the translation for the Czech word, which is Zarizka, possibly should be "heat radiation charges" rather than "supercharges."

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